

CLAIMS:

1. A method for measuring dimensions of an object (2) by means of a digital camera (1) provided with image processing means, with detection means for detecting points (A,B) on the image (7,8), and with coordinate calculation means for calculating the coordinates of detected points (A,B) on the image (7,8), whereby the distance between a first detectable point (A) and a second detectable point (B) on the object (2) is measured by making a first image (7) comprising said first detectable point (A), then displacing the field of view of the digital camera (1), and subsequently making an other image (8) comprising said second detectable point (B), whereby the coordinates of said first detectable point (A) on said first image (7) and the coordinates of said second detectable point (B) on said other image (8) are calculated, and whereby the displacement of said field of view is determined in order to calculate said distance between said first detectable point (A) and said second detectable point (B), characterized in that two or more overlapping images (7,8) are made by the digital camera (1), whereupon corresponding detectable points (C) in the overlapping part (9) of overlapping images (7,8) are detected, after which the coordinates of said corresponding detectable points (C) in both images (7,8) are calculated in order to determine the displacement of said field of view.
2. A method as claimed in claim 1, characterized in that said field of view is displaced by displacing the digital camera (1) in a direction perpendicular to its direction of photographing.
3. A method as claimed in claim 1, characterized in that said field of view is displaced by moving the object (2) to be measured.
- 25 4. A method as claimed in claim 1, characterized in that the field of view is seen by the digital camera (1) through an adjustable optical device.

5. A method as claimed in any one of the preceding claims, characterized in that a number of overlapping images (7,8) is processed, whereby all images show a detectable line of the object (2).
- 5 6. A system for measuring dimensions of an object (2) comprising a digital camera (1) provided with image processing means, detection means for detecting points (A,B) on the image (7,8), and coordinate calculation means for calculating the coordinates of detected points (A,B) on the image (7,8), so that the distance between a first detectable point (A) and a second detectable point (B) on the object (2) can be measured by making a first
- 10 image (7) comprising said first detectable point (A), then displacing the field of view of the digital camera (1), and subsequently making an other image (8) comprising said second detectable point (B), whereby the coordinates of said first detectable point (A) on said first image (7) and the coordinates of said second detectable point (B) on said other image (8) can be calculated, and whereby the displacement of said field of view can be determined in order
- 15 to calculate said distance between said first detectable point (A) and said second detectable point (B), characterized by means for detecting corresponding detectable points (C) on two overlapping images (7,8), and means for determining the displacement of the field of view by calculating the coordinates of corresponding detectable points (C) on an image (7) made before the displacement and a overlapping image (8) made after the displacement.